

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/EP2004/051687

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/64 H04L12/28 H04M7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/010980 A (ERICSSON TELEFON AB L M) 6 February 2003 (2003-02-06) page 5, line 11 - page 7, line 25 page 10, line 7 - page 11, line 6 figures 3-5,8	1-17, 25-29, 33-39,43
Y	WO 02/41574 A (NORTEL NETWORKS LTD ; DORE TAMMY S (US); SHARMA PRATIMA (US); CRAYCRAF) 23 May 2002 (2002-05-23) page 4, line 11 - page 5, line 11 page 5, line 29 - page 6, line 3 page 10, line 24 - page 11, line 26 figures 1,4 ----- -/--	1-17, 25-29, 33-39,43

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 January 2005

Date of mailing of the international search report

27. 01. 05

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 03/028319 A (HOFFMANN KLAUS ; SIEMENS AG (DE)) 3 April 2003 (2003-04-03)</p> <p>abstract page 4, line 27 - page 7, line 10 figures 1,2</p>	<p>1-17, 25-29, 33-39,43</p>
A	<p>SIJBEN P G A ET AL: "BUILDING THE BRIDGE: DEVISING AN ARCHITECTURE TO MIGRATE VOICE-BANDCALLS TO PACKET TRANSPORT AND MULTIMEDIA SERVICES" BELL LABS TECHNOLOGY, BELL LABORATORIES, MURREY HILL, NJ, US, vol. 5, no. 3, July 2000 (2000-07), pages 166-185, XP000975490 ISSN: 1089-7089 page 179, chapter "BICC Flows" figure 9</p>	<p>1-17, 25-29, 33-39,43</p>
A	<p>WO 00/62489 A (TURTIAINEN ESA ; ERICSSON TELEFON AB L M (SE)) 19 October 2000 (2000-10-19) page 5, line 19 - page 6, line 27 figure 1</p>	<p>1-17, 25-29, 33-39,43</p>
A	<p>US 6 452 922 B1 (HO ANTHONY) 17 September 2002 (2002-09-17)</p> <p>column 2, line 29 - column 3, line 46 figures 1-3</p>	<p>1-17, 25-29, 33-39,43</p>
Y	<p>GERALD R. ASH: "Traffic Engineering & QoS Methods for IP-, ATM-, & TDM-Based Multiservice Networks" 'Online! 31 March 2000 (2000-03-31), pages 1-ANNEX6-12, XP002312909 Retrieved from the Internet: URL:http://ftp.ist.utl.pt/pub/pub/drafts/draft-ash-te-qos-routing-00.txt> 'retrieved on 2005-01-11! page 10, line 6 - line 18 page ANNEX4-1, lines 5-41 page ANNEX4-11, chapter "4.5.4 Routing Table Management Information-Exchange Parameters" page ANNEX4-9, lines 25-36</p>	<p>18-24, 30-32, 40-42</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>YING-DAR LIN ET AL: "Brouter: the transparent bridge with shortest path in interconnected LANs" LOCAL COMPUTER NETWORKS, 1991. PROCEEDINGS., 16TH CONFERENCE ON MINNEAPOLIS, MN, USA 14-17 OCT. 1991, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 14 October 1991 (1991-10-14), pages 175-183, XP010025759 ISBN: 0-8186-2370-5 the whole document</p> <p>-----</p>	<p>18-24, 30-32, 40-42</p>

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-17, 25-29, 33-39, and 43

System and method for establishing a bearer path for calls in a packet switched network being part of a hybrid network, based on routing information handled by a resource manager.

2. claims: 18-24, 30-32, 40-42

System and method for distributing routing information for self learning switches in hybrid network.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03010980	A	06-02-2003	US 2003016684 A1 EP 1410649 A1 WO 03010980 A1	23-01-2003 21-04-2004 06-02-2003
WO 0241574	A	23-05-2002	AU 2863902 A EP 1400084 A2 WO 0241574 A2	27-05-2002 24-03-2004 23-05-2002
WO 03028319	A	03-04-2003	DE 10147164 A1 BR 0212810 A WO 03028319 A2 EP 1430730 A2 US 2004246907 A1	24-04-2003 05-10-2004 03-04-2003 23-06-2004 09-12-2004
WO 0062489	A	19-10-2000	FI 990827 A AU 4121600 A WO 0062489 A1	15-10-2000 14-11-2000 19-10-2000
US 6452922	B1	17-09-2002	AT 260008 T AU 4687599 A CA 2335360 A1 DE 69914905 D1 DE 69914905 T2 EP 1086557 A1 JP 2002524890 T WO 9966682 A1 US 6717937 B1 US 2004179515 A1	15-03-2004 05-01-2000 23-12-1999 25-03-2004 29-07-2004 28-03-2001 06-08-2002 23-12-1999 06-04-2004 16-09-2004